



SCHUYLLER NAVY



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*M. L. Lobo*



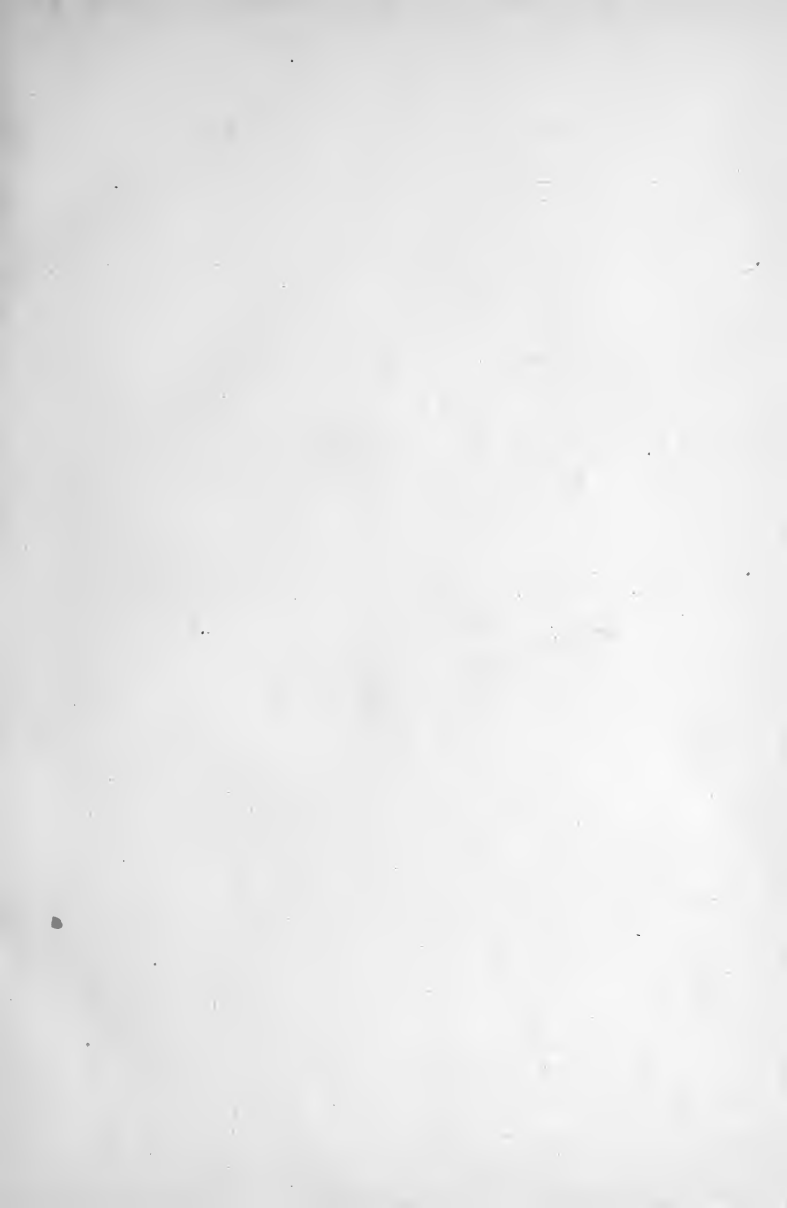
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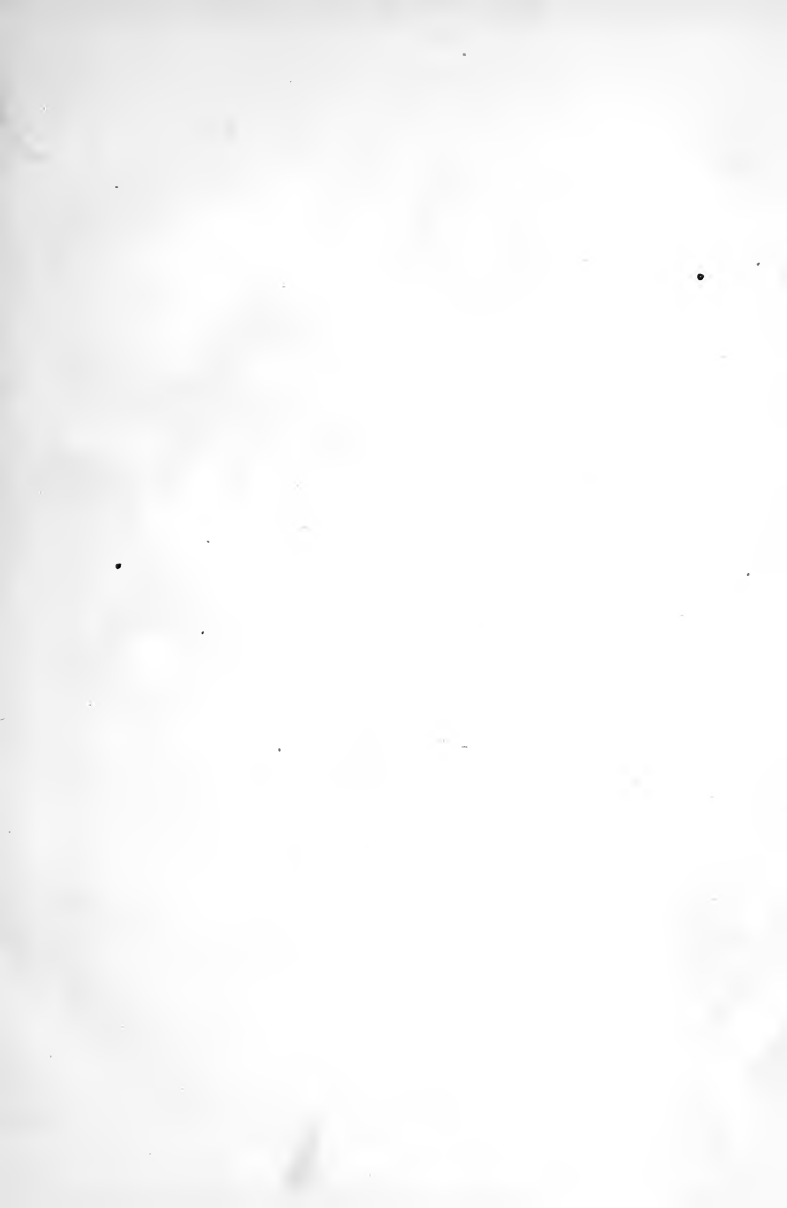














1. COMMODORE.
2. VICE COMMODORE.
3. 1st CLASS CHAMPION..
4. 2nd " "
5. 3rd " "

6. UNIVERSITY.
7. UNDINE.
8. QUAKER CITY.
9. PENNSYLVANIA.
10. PHILADELPHIA.

11. MALTA.
12. CRESCENT.
13. WEST PHILADELPHIA.
14. COLLEGE

CONSTITUTION,  
By-Laws and Rules

OF THE



OF

Philadelphia.

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Organized October 5th, 1858.

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PHILADELPHIA.

1876.

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CONSTITUTION  
OF THE  
SCHUYLKILL NAVY.

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ARTICLE I.

SEC. 1. This Organization of Rowing Clubs shall be known as the SCHUYLKILL NAVY.

SEC. 2. The object of the Navy shall be to secure united action among the several clubs for the promotion of Amateur Oarsmanship on the river Schuylkill.

SEC. 3. "We define an Amateur Oarsman, to be one who does not enter in an open competition, or, for either a stake, public or admission money, or entrance fee, or compete with or against a professional for any prize, or who has never taught, pursued or assisted in the pursuit of athletic exercises as a means of livelihood or has not been employed in or about boats or in manual labor on the water."

ARTICLE II.

GOVERNMENT.

SEC. 1. The Government of the Navy shall be vested in a Naval Board, to which each club shall appoint two delegates selected from its members.

## ARTICLE III.

## OFFICERS.

SEC. 1. The Officers of the Navy shall be Commodore, Vice-Commodore, Secretary, Treasurer, and Log-Keeper, to be elected annually by the Naval Board.

SEC. 2. All officers must be active members of clubs belonging to the Navy.

## ARTICLE IV.

## NAVAL BOARD.

SEC. 1. It shall be the power and duty of the Naval Board from time to time to prescribe and publish, through the Secretary, rules for the government of the Navy, and to enforce all penalties provided by the By-Laws.

SEC. 2. The Board shall act as one of Arbitration, to hear and decide all disputes between the clubs, except upon such questions arising during races as may be subject to the decision of the Umpire.

SEC. 3. The regular meetings of the Board shall be held monthly. Special meetings may be held at the call of the Commodore.

SEC. 4. Delegates from a majority of the clubs shall constitute a quorum for the transaction of business.

## ARTICLE V.

## COMMODORE AND VICE-COMMODORE.

SEC. 1. The Commodore shall preside at all meetings of the Board, enforce a proper observance of the Constitution and By-Laws and all Rules, promptly report to the Board and require its action upon all violations of the same, and shall be an *ex-officio* member of all Committees, but shall have no vote in the Board or in Committees, except when appointed thereon by the Board.

SEC. 2. He shall call special meetings of the Board upon the written request of delegates from at least two clubs.

SEC. 3. He shall take command of the fleet upon all public displays of the Navy, and shall have power to call out the fleet at his discretion.

SEC. 4. The Vice-Commodore shall act as the assistant and under the direction of the Commodore, and in the absence of the latter shall assume all the duties pertaining to the office of Commodore.

## ARTICLE VI.

### SECRETARY, TREASURER AND LOG-KEEPER.

SEC. 1. The Secretary shall keep the minutes of all meetings of the Board, shall read and file all communications, and shall perform generally all the duties pertaining to the office of Recording and Corresponding Secretaries.

SEC. 2. The Treasurer shall receive and disburse all moneys due to or from the Navy, shall keep correct accounts of such receipts and disbursements, and present to the Board monthly and annual statements of accounts.

SEC. 3. The Log-keeper shall keep a full and correct record of all races and events of general interest affecting the Navy and submit a report of the same at the annual meeting of the Naval Board.

## ARTICLE VII.

### CLUBS.

SEC. 1. The unanimous vote of the delegates present at a meeting of the Naval Board shall be necessary to admit any club into the Navy.

SEC. 2. Any club seeking admission shall present, through the secretary of the Board, an application in writing, with the sum of Ten Dollars as an initiation fee, a statement of the date

of its organization, number of members, a list of its officers, and a detailed description of its property. This statement shall, unless objection is offered and sustained, be submitted to an investigating committee of three, which shall at the next meeting present a written report of the information it has obtained, and the sources from which procured, and upon the presentation of such report shall the vote of the Board be taken.

SEC. 3. A club rejected by the Board shall not be again proposed for membership within six months thereafter.

SEC. 4. Every club admitted to membership shall be forthwith notified of its admission, and furnished with a copy of the Constitution, By-Laws and Rules, and shall be entitled to representation at the next meeting of the Board.

SEC. 5. Each club shall pay into the Treasury of the Navy such dues as shall be prescribed by the By-Laws.

## ARTICLE VIII.

### ELECTION OF OFFICERS.

SEC. 1. All officers of the Navy shall be nominated at a stated meeting of the Board and elected by ballot at the following or a subsequent stated meeting. Vacancies shall be filled in a like manner. Officers shall serve for the term of one year or until the election of their successors.

## ARTICLE IX.

### PENALTIES.

SEC. 1. For any cause determined to be sufficient, resolutions of censure or expulsion may be passed at any stated meeting, against any officer of the Board, or against any club of the Navy, by a two-thirds vote of the whole Board, provi-



ded, that such officer or club, as well as the representatives of the several clubs, shall have received due notice of the accusations and of the meeting at which such resolutions are to be acted upon.

## ARTICLE X.

### AMENDMENTS.

SEC. 1. The articles and conditions of this Constitution shall not be amended or altered except by the affirmative vote of two-thirds of the whole Board.

SEC. 2. Amendments or alterations shall be submitted in writing at a stated meeting of the Board, and may be acted upon at the next or a subsequent stated meeting, after due notice has been given to the several clubs of the nature of the proposed amendments or alterations, and the time and place of the meeting at which they are to be acted upon.

# BY-LAWS.

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## ARTICLE I.

### MEETINGS.

The stated meetings of the Naval Board shall be held on the first Monday in each month at 8 o'clock, P. M., and special meetings at the call of the Commodore.

## ARTICLE II.

### ORDER OF BUSINESS.

SEC. 1. The order of business at regular meetings of the Board shall be :

1. Calling the Roll.
2. Reading the Minutes of Previous Meeting.
3. Reading of Communications.
4. Reports of Officers and Committees.
5. Collection of Fines and Dues.
6. Balloting for the admission of Clubs or Election of Officers.
7. Unfinished Business.
8. New Business.

SEC. 2. At special meetings of the Board the special business shall be proceeded with immediately after roll-call, and none other be transacted.

SEC. 3. At all meetings of the Board each club shall be entitled to one vote, and no proxies shall be allowed.

## ARTICLE III.

## EXPULSION.

SEC. 1. Any club in arrears for dues for one year, or failing to be represented in the Naval Board for the same length of time, may, upon motion, be expelled.

## ARTICLE IV.

## DUES AND FINES.

SEC. 1. Each club shall pay monthly in advance, the sum of two dollars into the Treasury of the Navy.

SEC. 2. Any club failing or neglecting to be represented at any meeting of the Board shall pay a fine of one dollar.

## ARTICLE V.

## ELECTION OF OFFICERS.

SEC. 1. The annual election for officers shall be held at the January meeting or as soon thereafter as possible.

SEC. 2. All officers shall, upon leaving office, at once deliver to the Naval Board all funds, papers, and property in their hands, belonging to the Navy.

## ARTICLE VI.

## AMENDMENTS.

SEC. 1. Amendments to or alterations of these By-Laws shall be presented in writing at a stated meeting, and may be acted upon at the next or a subsequent meeting of the Board, provided due notice is given the several clubs of the proposed amendments or alterations, and the time and place of the meeting at which they are to be acted upon, and a two-third vote shall be necessary for adoption.

SEC. 2. The order of business declared in Article II, Section 1st, may be suspended for the time being by a two-thirds vote of the delegates present at any meeting, but no other by-law shall be suspended.

# RULES AND REGULATIONS.

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## ARTICLE I.

### GENERAL PROVISIONS.

SEC. 1. It shall be the duty of the representatives of each club to present on the first Monday in March of each year, to the Log Keeper of the Naval Board, a written report, setting forth the number, names and classes of the boats owned by his club, and the number of its members and a list of its officers, &c.

SEC. 2. There may be two regular Reviews of the Navy in each year, to be held at such dates as the Naval Board shall determine. Of these reviews at least two weeks notice shall be given to the several clubs.

SEC. 3. An Annual Local Regatta shall be held at such date as the Naval Board shall determine, and the several clubs shall receive at least six weeks notice of the date and course of such Regatta.

SEC. 4. An Annual Regatta open to all Amateurs shall be held in June of each year. The arrangements for such Regatta shall be made at the Januarry meeting of the Board, or as soon thereafter as possible.

SEC. 5. In all public displays of the Navy, except Regattas, the order of precedence as to the position of the several clubs "in line," shall be regulated by their relative seniority as members of the Navy.

SEC. 6. Each club shall provide itself with designating flags for boats and boat-house, the character of such flags to be reported to the Naval Board.

SEC. 7. Boats belonging to clubs of the Navy shall, after night-fall carry on their bows an orange light.

## ARTICLE II.

### RULES GOVERNING LOCAL REGATTAS.

SEC. 1. Racing for money is positively prohibited.

SEC. 2. For racing purposes boats shall be classified as follows:

1st Class—SHELLS.

2d Class—OUTRIGGER OPEN BOATS.

3d Class—INRIGGER OPEN BOATS.

SEC. 3. All races provided for in these rules shall be between boats of the same class.

SEC. 4. In all races the coxswain and crew of each contesting boat shall be Amateurs, and bona fide members of the club which they represent.

SEC. 5. No changes shall be made in any crew during a race.

SEC. 6. Clubs intending to enter for the Regatta must give notice to the Secretary of the Naval Board on or before the day for closing the entries, which shall be two weeks before the Regatta.

SEC. 7. Objections to any entry may be made at any time previous to the race. Such objections shall be made in writing to the Secretary and be submitted to the decision of the Naval

Board. If such objection be made, however, just before the start, and the boat or crew objected to shall win the race, no prize shall be delivered to it unless the objection raised shall have been decided in its favor.

SEC. 8. A committee shall be appointed by the Commodore at least one month prior to the date of holding the Regatta, which shall have entire charge of the Regatta, and shall at least one week before the 1st day of the Regatta, notify the clubs of the order and time of the races.

SEC. 9. Heats and Stations shall be drawn for by the Committee in presence of such competitors or their representatives as may attend after due notice has been given of the meeting of the Committee for that purpose.

SEC. 10. An Umpire, Starter, Time-keeper, and Judge, shall be appointed at least one week previous to the 1st day of the Regatta.

SEC. 11. The winners of the Champion Flags in the Annual Regatta, shall hold them until such time prior to the next Annual Regatta as the Naval Board may require their return, to be again rowed for, and this rule also applies to the Champion Belt for Single Scull Races.

RULES  
OF  
SCHUYLKILL NAVY REGATTA,  
OPEN TO ALL AMATEURS.

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1. This Regatta shall be open to all Amateur Clubs which have been duly organized two months prior to the holding of the Regatta. Entries from individuals will not be received.

2. No club shall be allowed to enter any person who has not been a member of that club for at least two months preceding the Regatta.

3. I. Any club intending to compete for any of the prizes, must give due notice to the Secretary of the Navy on or before the appointed day for closing the entries, which shall be two weeks before the 1st day of the Regatta.

II. In all cases of entries for four-oared races, a list of not more than eight names, and in all cases of entries for pair-oared or double scull races a list of not more than four names shall be sent to the Secretary, and from these names the actual crew shall be selected.

III. The name and address of the Captain and Secretary of each crew or club entering for any race shall be sent at the time of entrance to the Secretary.

IV. The President or presiding officer, or Secretary of each club entering, is required to certify on honor, in writing, that each member of the crew entered is strictly an amateur, and is not paid directly or indirectly for his services as a member or by reason of his being a member of the club.

4. No assumed names shall be given.
5. No one shall be allowed to be entered twice for the same race.
6. The Secretary shall not declare any entry nor report the state of the entrance list until such list shall be closed.
7. Objections to any entry shall be made in writing to the Secretary of the Regatta Committee within seven days from the declaration of the entries, when the Committee shall investigate the grounds of objection, and decide thereon forthwith.
8. No entrance money shall be required in any race.
9. All races shall be one and a half miles straightaway.
10. A meeting of the Regatta Committee shall be held immediately preceding the Regatta, at which the Captain or Secretary of each crew or club entered shall deliver to the Secretary of the Regatta, a list of the names of the actual crew appointed to contend in the ensuing races, to which list the name of one other member may be added in the event of illness or accident, subject to rule 11.
11. No member of a club shall be allowed to be substituted for another who has already rowed in a heat; nor shall any member of a club be allowed to row with more than one crew in any of the heats for the same prize.
12. In the event of a dead heat taking place, the same crews shall contend again after such interval as the Regatta Committee may appoint, or the crew refusing shall be adjudged to have lost the race.
13. In the event of there being but one boat entered for any prize, or if more than one enter and all withdraw but one, the crew of that boat must row over the course to be entitled to such prize.



14. Heats and Stations shall be drawn for by the Regatta Committee in the presence of such competitors or their representatives as may attend after due notice has been given of a meeting of the Committee for that purpose.

15. An umpire shall be chosen by the Regatta Committee, and his decision shall be final.

16. The judge at the winning post shall be appointed by the umpire, and his decision shall be final.

17. The laws of boat racing as herein following shall be observed at this Regatta, and the definition of an amateur oarsman as adopted by the Schuylkill Navy shall govern the qualifications of each competitor.

18. The prizes shall be delivered at the conclusion of the Regatta to their respective winners, who in case of a challenge prize shall receipt for the same as may be required by the Naval Board.

19. All questions of eligibility, qualification or interpretation of these rules shall be referred to the Regatta Committee, and their decision shall be final.

## LAWS OF BOAT RACING.

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1. All boat races shall be started in the following manner:

The starter, on being satisfied that the competitors are ready, shall give the signal to start.

2. If the starter considers the start false he shall at once recall the boats to their stations, and any boat refusing to start again shall be disqualified.

3. Any boat not at its post at the time specified, shall be liable to be disqualified by the umpire.

4. The starter shall be under the control of the umpire.

5. Each boat shall keep its own water throughout the race, and any boat departing from its own water, will do so at its peril.

6. A boat's own water is its straight course parallel with those of the other competing boats from the station assigned to it at the starting to the finish.

7. The umpire shall be sole judge of a boat's own water and proper course during the race.

8. No fouling whatever shall be allowed; the boat committing a foul shall be disqualified.

9. It shall be considered a foul when after the race has commenced, any competitor, by his oar, boat or person, comes into contact with the oar, boat or person of another competitor, unless in the opinion of the umpire such contact is so slight as not to influence the race.

10. The umpire may, during a race, caution any competitor when in danger of committing a foul.

11. The umpire, when appealed to, shall decide all questions as to a foul.

12. A claim of foul must be made to the judge or the umpire by the competitor himself before getting out of his boat.

13. In case of a foul, the umpire shall have the power—

A. To place the boats, except the boat committing a foul, which is disqualified, in the order in which they come in.

B. To order the boats engaged in the race, other than the boat committing the foul, to row over again on the same or another day.

C. To re-start the qualified boats from the place where the foul was committed.

14. Every boat shall abide by its accidents.

15. No boat shall be allowed to accompany a competitor for the purpose of directing his course or affording him other assistance. The boat receiving such direction or assistance shall be disqualified at the discretion of the umpire.

16. The jurisdiction of the umpire extends over the race and all matters connected with it from the time the race is specified to start until its final termination, and his decision in all cases shall be final and without appeal.

17. Any competitor refusing to abide by the decision or to follow the directions of the umpire shall be disqualified.

18. Boats shall be started by their sterns and shall have completed their course when the bows reach the finish.

19. In turning races each competitor shall have a separate turning stake, and shall turn from port to starboard. Any

competitor may turn any stake other than his own, but does so at his peril.

20. The umpire, if he thinks proper, may reserve his decision, provided, that in every case such decision be given on the day of the race.

# List of Officers of the Schuylkill Navy

Since its Organization.



## COMMODORES.

CHARLES M. PREVOST,

October 19th, 1858, to February 6th, 1860.

DR. JOSEPH P. BROLASKY, CHEBUCTO BARGE CLUB,

February 6th, 1860, to January, 1861.

SAMUEL W. GROOME, UNIVERSITY BARGE CLUB,

January, 1861, to January 7th, 1867.

CHARLES VEZIN, UNDINE BARGE CLUB,

January 7th, 1867, to November 4th, 1867.

JOSEPH D. MCKEE, BACHELORS' BARGE CLUB,

November 4th, 1867, to February 3d, 1868.

JACOB S. MILLER, UNDINE BARGE CLUB,

February 3d, 1868, to April 6th, 1868.

WILLIAM F. GRIFFITHS, BACHELORS' BARGE CLUB,

April 6th, 1868, to October 5th, 1868.

JAMES M. FERGUSON, QUAKER CITY BARGE CLUB,

January 5th, 1869, to February 6th, 1871.

HENRY B. COXE, UNIVERSITY BARGE CLUB,

February 6th, 1871, to July 7th, 1873.

JAMES M. FERGUSON, QUAKER CITY BARGE CLUB,

August 5th, 1873, now in office.

## VICE-COMMODORES.

FRANK MITCHELL, QUAKER CITY BARGE CLUB,  
October 19th, 1858, to November 26th, 1860.

CHARLES VEZIN, UNDINE BARGE CLUB,

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JOSEPH P. WOOD, BACHELORS' BARGE CLUB,  
August 22d, 1865, to January 7th, 1867.

JOSEPH D. MCKEE, BACHELORS' BARGE CLUB,  
January 7th, 1867, to November 4th, 1867.

FRANK MITCHELL, QUAKER CITY BARGE CLUB,  
November 4th, 1867, to February 3d, 1868.

JAMES M. FERGUSON, QUAKER CITY BARGE CLUB,  
February 3d, 1868, to January 5th, 1869.

JOHN CULIN, PENNSYLVANIA BOAT CLUB,  
January 5th, 1869, to February 6th, 1871.

EDWARD G. LUKENS, MALTA BOAT CLUB,  
February 6th, 1871, to March 6th, 1871.

JAMES D. FERGUSON, QUAKER CITY BARGE CLUB,  
April 3d, 1871, to January 8th, 1872.

JAMES M. FERGUSON, QUAKER CITY BARGE CLUB,  
January 8th, 1872, to August 5th, 1873.

JOHN HOCKLEY, JR., UNDINE BARGE CLUB,  
October 6th, 1873, now in office.

## SECRETARIES and TREASURERS.

- B. FRANK VAN DYKE, UNDINE BARGE CLUB,  
October 19th, 1858, to January, 1860.
- JOHN G. DIVINE, FALCON BARGE CLUB,  
January, 1860, to January, 1861.
- THADDEUS FLANAGAN, UNION BARGE CLUB,  
January, 1861, to
- WILLIAM FOLEY, UNION BARGE CLUB,  
.....
- FRANK MITCHELL, QUAKER CITY BARGE CLUB,  
August 17th, 1865, to February 3d, 1868.
- EDWARD D. YATES, UNDINE BARGE CLUB,  
February 3d, 1868, to April 6th, 1868.
- CHARLES T. ILLMAN, MALTA BOAT CLUB,  
April 6th, 1868, to May 4th, 1868.
- LOUIS F. BARGER, MALTA BOAT CLUB,  
May 4th, 1868, to February 8th, 1870.
- FRANK WOOD, QUAKER CITY BARGE CLUB,  
February 8th, 1870, to December 5th, 1870.
- WILLIAM A. STEEL, CRESCENT BOAT CLUB,  
December 5th, 1870, to January 6th, 1873.
- CHARLES HOWSON, CRESCENT BOAT CLUB,  
January 6th, 1873, to January 5th, 1874.
- JONATHAN GILLINGHAM, UNDINE BARGE CLUB,  
January 5th, 1874.  
Sec. : January 4th, 1875,\* now in office.
- FRANK W. MURPHY, PENNSYLVANIA BOAT CLUB,  
Treas. : January 4th, 1875,\* now in office.

\* At this date the offices of Secretary and Treasurer were separated.

Clubs represented at a Convention held October 5th, 1858,  
at which the first Constitution of the Schuylkill Navy was  
adopted.

AMERICA	BARGE CLUB,	KEYSTONE	BARGE CLUB,
CAMILLA	" "	NEPTUNE	" "
CHEBUCTO	" "	PENNSYLVANIA	" "
FALCON	" "	UNIVERSITY	" "
INDEPENDENT	" "		

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The following Clubs have been members, but are not now  
attached to the Navy.

NAUTULUS, admitted October 26th, 1858.

AMATEURS, " " " "

BACHELORS, " March 7th, 1859.

EXCELSIORS, " " 31st, "

UNION, " " 5th, 1860.

ATLANTIC, " " " "

WASHINGTON (changed to VESPER), admitted August 22d, 1865.

IONE, admitted March 4th, 1867.

NEPTUNE, " November 4th, 1867.

ATLANTIC, " June 1st, 1868.

KEYSTONE, " " 6th, 1870.



# Clubs constituting the Navy at the present time.



## UNIVERSITY BARGE CLUB, OF PHILADELPHIA.

Organized April 25th, 1854. Incorporated March 7th, 1870,  
and was one of the founders of the Schuylkill Navy.

### OFFICERS.

HENRY B. COXE, *President.*

JAMES D. WINSOR, *Vice-President.*

CHARLES HAZLEHURST, *Secretary.*

CRAIG HEBERTON, *Treasurer.*

EDWARD S. MILES, *Coxswain.*

HARRY J. WORRELL, *Ass't Coxswain.*

*Executive Committee*—Edward S. Miles, Inman Horner, R. Loper Baird.

*Members*—Active 84, Honorary 61.

### BOATS.

NAME.	Length.	Beam.	Oars.	Class.	Built by
University,	41½ ft.	18 in.,	4	1st,	CHAS. B. ELLIOTT.
Hesperus,	35¾ "	28 "	4 and Cox,	1st,	Stephen Roberts.
Æolus,	35 "	16 "	Pr. Oared,	1st,	Chas. B. Elliott.
Leda,	34 "	14 "	Double Scull,	1st,	Wm. O. Metcalf.
Hebe,	22 "	18 "	Single Scull,	1st,	E. K. Byron & Bro
Herc,	30½ "	11 "	" "	1st,	Wm. O. Metcalf.
Ægle,	30½ "	11½ "	" "	1st,	Thomas Fearon.
—	30 "	11½ "	" "	1st,	M. H. Byron.
Lucifer,	44½ "	44 "	Oars 6,	2d,	G. W. James.
Aurora,	27¾ "	37 "	Double Scull,	2d,	Thomas Fearon.
Ariel,	26 "	22 "	" "	2d,	E. K. Byron & Bro.
Solitaire,	14 "	27 "	Canoe,	—	R. Simmons & Sons, Putney, Eng.

Cost of Boats and Oars, \$2520.

The Boat House is built of Serpentine pointed with Sandstone, 21 by 58 feet, with Mansard roof, bay window and balconies, finished inside with Cypress wood. Cost, \$5500. Furniture and Fixtures, \$1150.

Total amount invested, \$9170.

## UNDINE BARGE CLUB, OF PHILADELPHIA.

Organized May 9th, 1856. Incorporated June 12th, 1871,  
and was one of the founders of the Schuylkill Navy.

### OFFICERS.

THOMAS HART, JR., *President.*      JOHN HOCKLEY, JR., *Vice-President.*  
HORACE S. WOODEBURY, *Secretary and Treasurer.*  
WM. R. TUCKER, *Coxswain.*      JONATHAN GILLINGHAM, *Vice-Coxswain.*

*Boat House Committee*—Wm. R. Tucker, Jonathan Gillingham, I. Norris De Haven.

*Members*—Active 39, Contributing 47, Honorary 16.

### B O A T S.

NAME.	Length.	Beam.	Oars.	Class.	Built by
Albion,	57 ft.,	24 in.,	8	1st,	Mat. Taylor, Eng.
L'Hirondelle,	42 "	19 "	4	1st,	Thomas Fearon.
Atalanta,	41 "	17 "	4	1st,	W. O. Metcalf.
Whisper,	42 "	20 "	4	1st,	Geo. Roahr.
Scull,	43 "	22 "	4 and Cox,	1st,	" "
Wink,	33 "	14½ "	Pair Oar,	1st,	" "
Yguerne,	32 "	15 "	" "	1st,	E. K. Byron & Bro.
Spray,	28 "	12 "	Single Scull,	1st,	" " "
Ibis,	26 "	11 "	" "	1st,	Thomas Fearon.
Pet,	17 "	13 "	" "	1st,	Amateur.
Kelpie,	17 "	14 "	" "	1st,	"
Nymph,	38 "	34 "	Oars 4,	2d,	E. K. Byron & Bro.
Fawn,	28 "	34 "	Double Scull,	2d,	W. O. Metcalf.
Mist,	18 "	—	Single Scull,	2d,	Geo. Boahr.
Undine,	43 "	42 "	Oars 6,	3d,	" "

Cost of Boats and Uniforms, \$4750.

The Club occupies under lease a portion of the Philadelphia Skating Club House, which is built of Graystone and is valued at \$12,000.

The Club owns a fine frame Club House at the Falls of Schuylkill, valued at \$2000.

Total amount invested by Club, \$6750.

## QUAKER CITY BARGE CLUB.

Organized October 20th, 1858. Incorporated March 22d, 1867.

Admitted October 26th, 1858.

### OFFICERS.

WILLIAM ARROTT, *President.*

F. J. MACBEATH, *Vice-President.*

H. D. GUMMERE, *Treasurer.*

C. L. WISE, *Secretary.*

GEO. W. PARKER, *Coxswain.*

JAS. WATSON, JR., *Ass't Coxswain.*

*Members*—Active 35, Honorary 21.

### BOATS.

NAME.	Length.	Beam.	Oars.	Class.	Built by
Cygnets,	42 ft.,	48 in.,	6,	3d,	A. J. Luffbarry.
Bertha,	30 "	45 "	Double Scull,	2d,	A. J. Luffbarry.
Nautilus,	40 "	24 "	4 Oars,	2d,	Thos. Fearon.
Camilla,	41 "	17½ "	4 Oars,	1st,	Elliott.
Quaker City,	41 "	17 "	4 Oars,	1st,	Thos. Fearon.
Sunshine,	35 "	18 "	Double Scull,	1st,	E. K. Byron & Bro.
Fly,	26 "	15 "	Single Scull,	1st,	Elliott.
Spider,	17 "	45 "	" "	2d,	A. J. Luffbarry.

Stored in house belonging to individuals, four (4) single scull shells.

Cost of Boats and Oars, \$2575.

The Boat House is a two story stone structure, having on the first floor two rooms used exclusively for the storage of boats and oars, and on the second floor, also, two rooms, one used as a dressing apartment, and the other as a reception room.

Cost of House and Furniture, \$7500.

Total amount invested, \$10,075.

# PENNSYLVANIA BOAT CLUB.

Organized May, 1861. Not incorporated.

Entered the Navy August 17th, 1865.

## OFFICERS.

FRANK W. MURPHY, *President.*

GEO. K. RICHARDS, *Vice-President.*

MAX SCHMITT, *Secretary.*

JOHN CULIN, *Treasurer.*

W. J. BARR, *Ass't Treasurer.*

JAMES M. BENNETT, *Captain.*

GEO. HALDORN, *Vice-Captain.*

HENRY HUTCHINSON, *Director.*

*Members*—Active 38, Honorary 5, Contributing 10.

## BOATS.

NAME.	Length.	Beam.	Oars.	Class.	Built by
Pennsylvania,	40½ ft.,	17 in.,	4,	1st,	C. B. Elliott.
Max Schmitt,			Single Scull,	1st,	" "
Otto Weiss,	33 "	13 "	" "	1st,	" "
F. Hartley,			" "	1st,	E. & M. Byron.
W. G. Thomas,	29 "	10½ "	" "	1st,	Roahr.
G. C. Child,			" "	1st,	Metcalf.
H. Conrad,			" "	1st,	"
John Lavens,			" "	1st,	Waters, Balch & Co.
Wm. Burnham,			" "	1st,	" " "
Austin Street,			" "	1st,	Lnffbarry.
Falcon,	47 "	42 "	6 Oars,	3d,	"
Celia,	27 "	41 "	Double Scull,	2d,	"
Owl,	19 "	34 "	Single Scull,	2d,	"
Phantom,	38 "	25 "	4 Oars,	2d,	C B. Elliott.
Stranger,	26 "	27 "	Pr. Oars,	2d,	Christ. Thoms.

Cost of Boats and Oars, \$2600.

The Boat House is built of Micaceous Granite, 25 by 60 feet, with Mansard roof, and balcony on river front, and is finished inside with stained yellow pine.

Cost of House and Furniture, \$5500.

Total amount invested, \$3100.

# PHILADELPHIA BARGE CLUB.

Organized December 8th, 1862. Incorporated July 13th, 1870.

Entered the Navy August 17th, 1865.

## OFFICERS.

HENRY C. SPACKMAN, *President.*

HENRY WHELEN, *Vice-President.*

CHAS. B. HART, *Treasurer.*

CHAS. H. KRUMBAAR, *Secretary.*

FRED. CHASE, *Coxswain.*

CHAS. V. GRANT, *Vice-Coxswain.*

*Members—Active 32, Honorary 21.*

## BOATS.

NAME.	Length.	Oars.	Class.	Built by
Mist,	41 ft.,	4,	1st,	Waters & Sons.
Hawk,	31 "	Single Scull,	1st,	" "
—	31 "	" "	1st,	" "
Baby,	34 "	Pr. Oared,	1st,	Fearon.
Faugh-a-ballah,	47 " 4 in.,	Oars 6,	2d,	Luffbarry.
Fly,	17 " 8 "	Single Scull,	2d,	"
Naiad,	25 "	Double Scull,	2d,	"
No Name,	22 " 6 "	" "	2d,	Roahr.
Nameless,	30 "	" "	2d,	Blake.
Marguerite,	26 "	" "	2d,	Metcalf.
Lorelei,	37 "	Oars 4,	3d,	Luffbarry.

Cost of Boats and Oars, \$2500.

The Boat House is built of Serpentine with Sandstone trimmings, 21 by 58 feet, with Mansard roof, bay window and balconies. Cost, \$5000.

Total amount invested, \$7500.

## MALTA BOAT CLUB.

Organized February, 1860. Not incorporated.

Entered the Navy August 22d, 1865.

## OFFICERS.

CHAS. T. ILLMAN, *President.*CHAS. E. H. BRELSFORD, *Vice-President.*WM. H. LEES, *Secretary.*SAML. H. ILLMAN, *Treasurer.**Captains*—John F. Huneke, C. E. H. Brelsford, Joseph Dunton.*Rep's of Naval Board*—I. Bedichimer, Wm. A. Haines.*Members*—Life 10, Active 40, Contributing 5, Honorary 7.

## BOATS.

NAME.	Length.	Beam.	Oars.	Class.	Built by
Malta,	44 ft.,	17 in.,	4,	1st,	Metcalf.
Mischief,	40½ "	42 "	6,	3d,	Luffbarry.
Minx,	36 "	42 "	4,	3d,	"
Metis,	26 "	30 "	Double Scull,	2d,	"
Minnehaha,	26 "	30 "	" "	2d,	M. Byron.
T,	35 "	13 "	Single Scull,	1st,	—
B,	30 "	10½ "	" "	1st,	Elliott.
W,	27 "	9½ "	" "	1st,	Clark.
Y,	26 "	12 "	" "	1st,	—
L,	26 "	11 "	" "	1st,	—
Dawn,	18 "	13 "	" "	—	—

Cost of Boats and Oars, \$1900.

The Boat House is two stories high, and is built of Greystone. The boat floor is 17 ft. 6 in. by 50 ft. The dressing and reception room on the second floor is 17 by 32 feet, handsomely furnished. Cost of house and furniture, \$4100.

Total amount invested, \$6000.

## CRESCENT BOAT CLUB.

Organized December 1st, 1867. Incorporated January 26th, 1874.

Entered the Navy February 3d, 1868.

## OFFICERS.

H. R. BARNHURST, *President.*WM. ALLEN, *Vice-President.*DR. A. BOICE, *Treasurer.*B. COTTON, *Secretary.*H. K. HINCHMAN, *Captain.*GEO. W. YOUNG, *Coxswain.*C. D. TATMAN, *Vice-Coxswain.**Members—Active 50, Contributing 20, Life 10.*

## BOATS.

NAME.	Length.	Beam.	Oars.	Class.	Built by
Longfellow,	56 ft.,	22 in.,	8	1st,	Salter of Oxford, Eng.
Crescent,	42 "	18 "	4	1st,	Elliott.
Chamounix,	42 "	16 "	4	1st,	E. K. Byron & Bro.
Owlet,	34 "	15 "	Double Scull,	1st,	Elliott.
Ella,	33 "	12 "	" "	1st,	Metcalf.
W. A. Steel,	34 "	14 "	" "	1st,	Waters & Sons.
Ah Sin,	30 "	12 "	Single Scull,	1st,	" "
Clara,	28 "	10½ "	" "	1st,	Selah Clark.
Gabe,	28 "	9½ "	" "	1st,	" "
Ione,	45 "	42 "	Oars 6,	3d,	Metcalf.
Hornet,	42 "	24 "	4	2d,	"
Myrtle,	25 "	34 "	Double Scull,	2d,	Luffbarry.
W. B.,	17 "	24 "	Single Scull,	2d,	John Kyle.

Cost of Boats and Oars, \$3000.

The Boat House is built of Granite dressed with Brownstone, Gothic style, two stories high, 25 by 60 feet. The second story is divided into a dressing room finished in oak, trimmed with walnut, and a reception room, handsomely furnished. Cost of house and furniture, \$4500.

Total amount invested, \$7500.

## WEST PHILADELPHIA BOAT CLUB.

Organized April 7th, 1871. Incorporated March 4th, 1873.

Entered the Navy April 3d, 1873.

### OFFICERS.

HENRY V. STILWELL, *President.*

CHAS. H. YARNALL, *Vice-President.*

FRANCIS M. ROBERTS, *Secretary.*

HARRY J. C. PHILIPS, *Ass't Secretary.*

WM. D. STOVELL, *Treasurer.*

CHAS. GIBBONS, JR., *Solicitor.*

*Directors*—Clarence North (Chairman), Fergus M. Mackie, Saml. B. Knight,

Wm. D. Stovell, Francis M. Roberts.

*Delegate to the Naval Board*—Henry V. Stilwell.

*Members*—Active 25, Honorary 21.

### B O A T S .

NAME.	Length.	Oars.	Class.	Built by
Infant,	58 ft.,	8,	1st,	———, England.
West Philadelphia,	45 “	6,	3d,	Roberts, N. Y.
Wavelet,	44½ “	6,	2d,	E. K. Byron & Bros.
Traveler,	37 “	4,	2d,	“ “
Stella,	29 “	Double Scull,	2d,	“ “
Sylph,	25½ “	“ “	2d,	———
Cigarette,	19 “	“ “	2d,	Roberts, N. Y.
Fay,	28½ “	Single Scull,	1st,	E. K. Byron & Bros.
Snail,	29 “	“ “	1st,	Elliott.
Pigeon,	29 “	“ “	1st,	G. Miles.
No Name,	29 “	“ “	1st,	———

The Boat House is situated on the west bank of the Schuylkill River, near Gray's Ferry Bridge.

Total amount invested, \$4200.



## COLLEGE BOAT CLUB

OF THE

## UNIVERSITY OF PENNSYLVANIA.

Organized September 30th, 1872. Incorporated October, 1875.

Entered the Navy April 4th, 1875.

## OFFICERS.

CALHOUN MEGARGEE, *President.*JOHN R. FELL, *1st Vice-President.* EFFINGHAM B. MORRIS, *2d Vice-President.*W. HARRY PATTERSON, *Treasurer.* SAM'L. T. KERR, *Secretary.*EUGENE TOWNSEND, *Captain.*WM. I. F. CURTIS, *1st Lieutenant.* ALFRED PEARCE, *2d Lieutenant.**Members—Active 40.*

## BOATS.

NAME.	Length.	Beam.	Oars.	Class.	Built by
Sappho,	40 ft.,	40 in.,	6,	3d,	James.
Iola,	42 "	30 "	4,	2d,	Luffbarry.
Triton,	43 "	18 "	4,	1st,	Fearon.
—	30 "	13 "	Single Scull,	1st,	Luffbarry.
Sophomore '75,	30 "	32 "	Double Scull,	2d,	"
John R. Fell,	35 "	11½ "	" "	1st,	Ward & Ed. Smith.
Baby,	30 "	13½ "	Pr. Oared,	1st,	Fearon.
—	25 "	— "	Single Scull,	1st,	Simmons.
—	30 "	— "	Double Scull,	2d,	—

Cost of Boats and Fittings, \$1539.

The Boat House is built in the Gothic style, of Brownstone, two stories high, 26 by 66 feet. height 43 feet. The second story is a clear loft, 21 feet high, with carved rafters, and is divided into parlor and members' room, both of which are furnished in a costly manner. Cost of house, \$8000.

Total amount invested, \$9539.

# RECAPITULATION.

NAME.	MEMBERS.					BOATS.												PROPERTY.			
	Active.	Honorary.	Contributing.	Life.	Total.	1st Class.				2d Class.				3d Cl.				Boats, etc.	House.	Total.	
						8 Oars.	4 Oars.	Pr. Oared.	Double.	Single.	6 Oars.	4 Oars.	Double.	Single.	6 Oars.	4 Oars.					
University .....	84	61	..	..	145	..	2	1	1	4	1	..	2	..	..	..	1 canoe.	12	\$3670	\$5500	\$9170
Undine .....	39	16	47	..	102	1	4	2	..	4	..	1	1	1	1	..	..	15	4750	2000	6750
Quaker City .....	35	21	..	..	56	..	2	..	1	5	..	1	1	1	1	..	..	12	2575	7500	10,075
Pennsylvania.....	38	5	10	..	53	..	1	..	..	9	..	1	1	1	1	..	..	15	2600	5500	8100
Philadelphia.....	32	21	..	..	53	..	1	1	..	2	1	..	4	1	..	1	Pr. gig.	11	2500	5000	7500
Malta .....	40	7	5	10	62	..	1	..	..	6	..	..	2	..	1	1	..	11	1900	4100	6000
Crescent.....	50	..	20	10	80	1	2	..	3	3	..	1	1	1	1	..	..	13	3000	4500	7500
West Philadelphia	25	21	..	..	46	1	..	..	..	4	1	1	3	..	1	..	..	11	2200	2000	4200
College .....	40	..	1	..	41	..	1	1	1	2	..	1	2	..	1	..	..	9	1539	8000	9539
Total.....	383	152	83	20	638	3	14	5	6	39	3	6	17	5	7	2	2	109	\$24,734	\$44,100	\$68,834

**CHESTNUT HILL**

Thorpe Mill Road

The Pipe Bridge

The Caves

Indian Rock

Indian Rock Hotel

The First Fountain

Valley Green Hotel

Bridge

Crookheim Creek

The Veritas Hole

Bridge

Scale 800 ft to 1/4 inch

0 100 200 300 400 500 600 700 800

Map

WISSAHICKON SECTION from the PIPE BRIDGE, to CHESTNUT HILL.

THE WISSAHICKON SECTION from the SCHUYLKILL SECTION

The Monastery

Bridge

Mom. Kinkles Rock

Washington Rock

The Hermit's Glen

Helena Springs

The Caves

Maple Spring Hotel

Wissahickon Hall

Schuylkill Reservoir

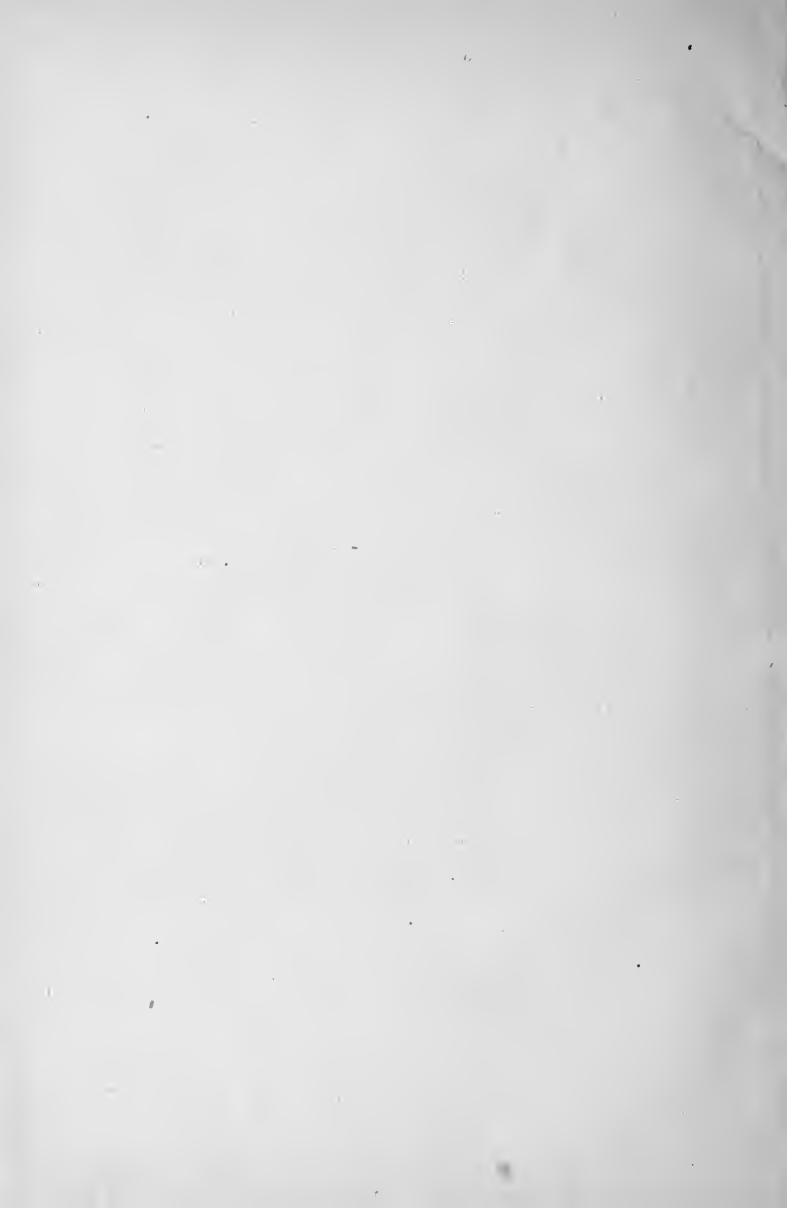
S. & N. R. R.

INTERNATIONAL EXHIBITION  
PHILADELPHIA 1876.

	Grounds enclosed	233 Acres
1	Main Building	21.47 Floor-space
2	Art Gallery	1 1/2 "
3	Machinery Hall	14 " " "
4	Horticultural Hall	1 1/4 " " "
5	Agricultural Hall	7 3/4 " " "
6	Zoological Garden	36 "
7	Regatta Course	
	Schnylkill Navy	
8	C.T.A.B. Centennial Fountain	
9	Columbus Monument	
10	Humboldt Monument	
11	Lincoln Monument	
12	Willerspoon Monument	
13	State Building	
14	British Comm. "	
15	Woman's Bldg.	
16	Jury Pavilion	
17	Lumber's Restaurant	

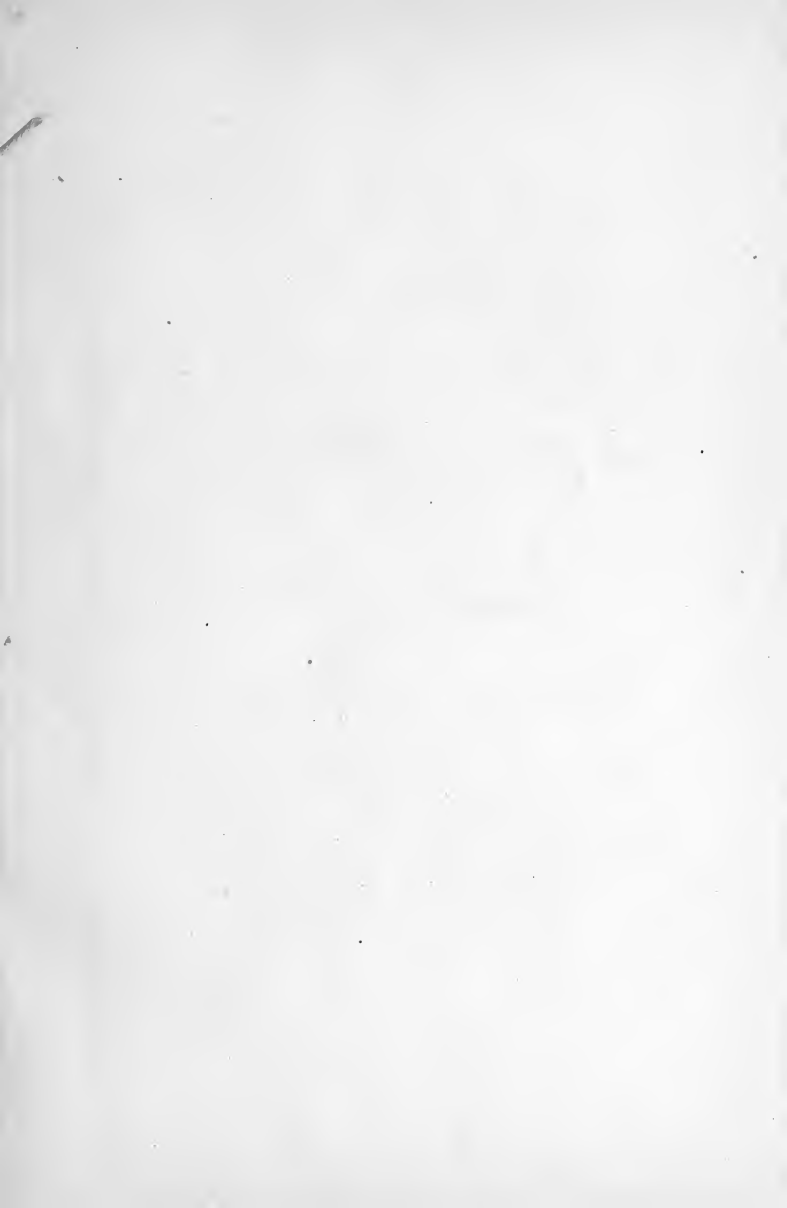
*The Schuylkill Section*  
from  
**FAIRMOUNT**  
to the  
**WISSAHICKON SECTION**

*Prof Hunter with Parliament*













# John Schuykill Knapp

invites you to participate  
in the

## International Hygiene

to be held during the summer of 1896.

Philadelphia, January 15, 1896. JAMES M. FERRISSON,  
BOSTON.

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